Balanced Data Management

Christian Rasmussen
Big Data Lab Analytics & AI

be
think
innovate

GRUNDFOS

Goal for this presentation

- Learn how Grundfos live the permanent change.
- Learn how Grundfos combine FAIR Q and core functions to scale data quality.

Christian Rasmussen
Senior Manager
BigDataLab

Our Promise: **Be – Think – Innovate**

Pumps consume **10%** *of the world's electrical energy*

This could be reduced by **4%**

by applying state of the art Grundfos pumps

13 CLIMATE ACTION

And with climate changes - now more than ever…

Pumps provide and remove water. This is essential to life on earth

THE ENTERPRISE DAIR* DILEMMA

(*DATA/AI READY)

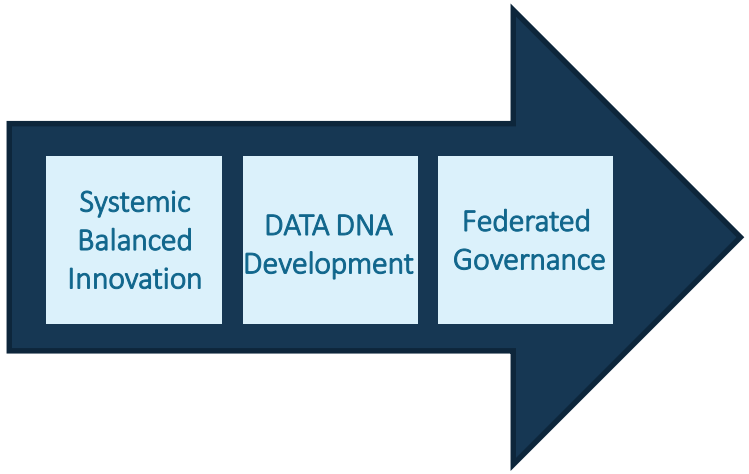
Use case agility, fast to operational value with minimal upfront investment

Enterprise DAIR capabilities: broad adoption, synergies, scaling, re-usability

Digital

x

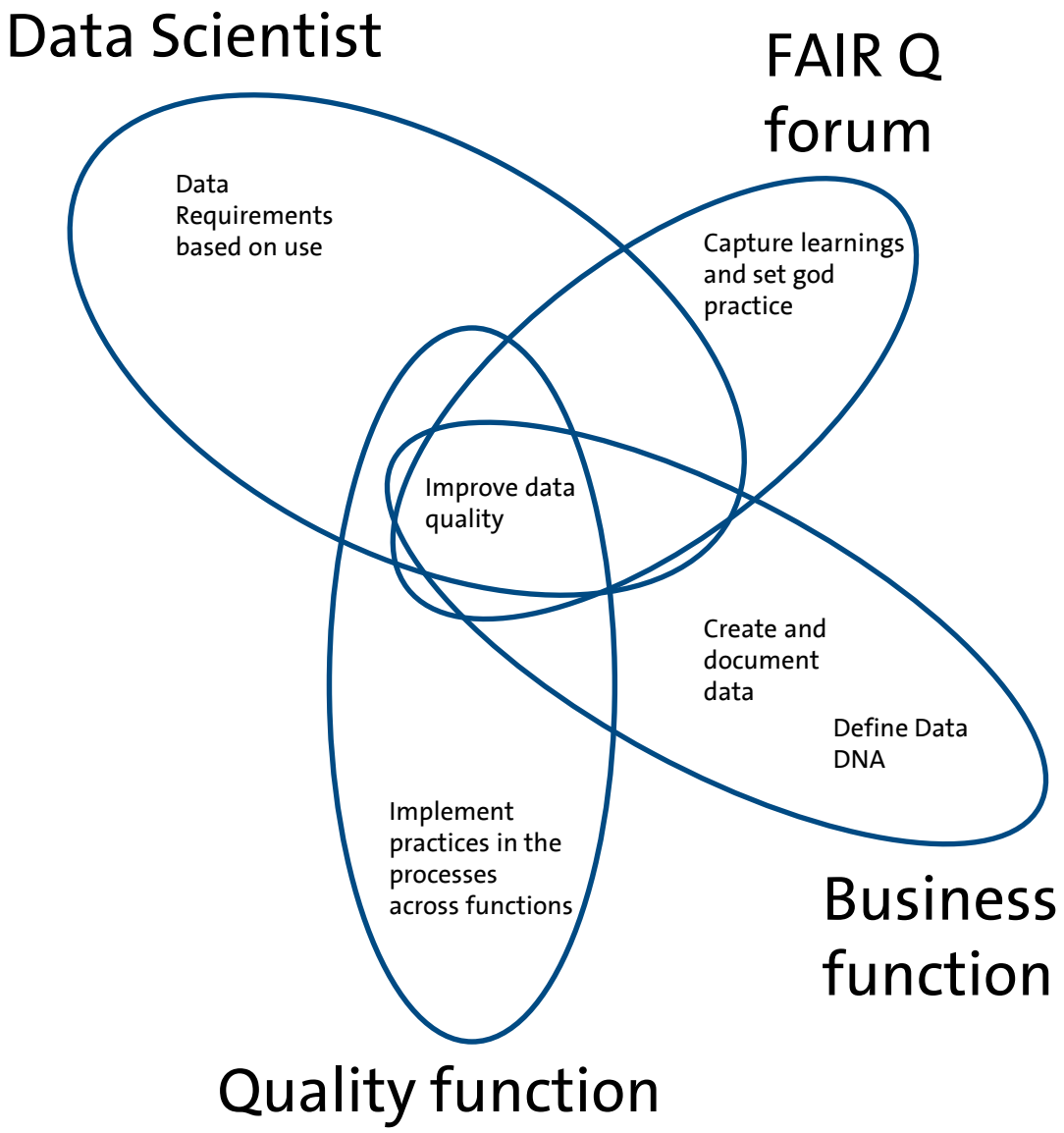
Core



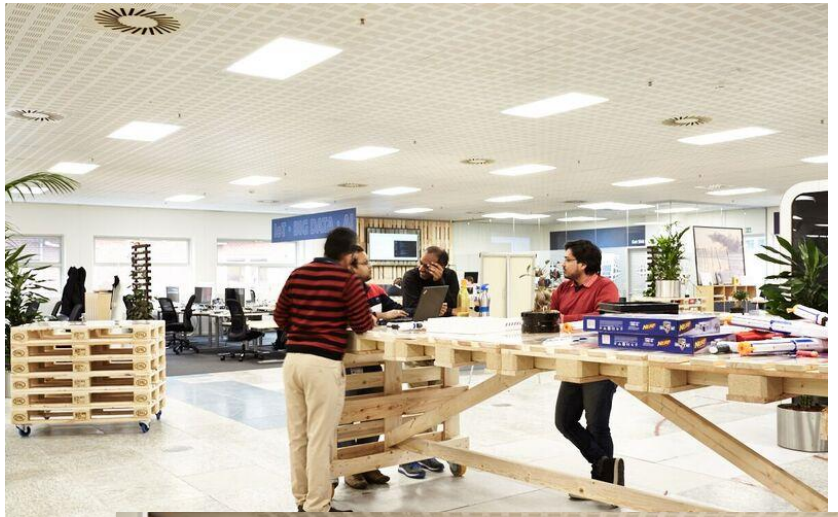
New Core

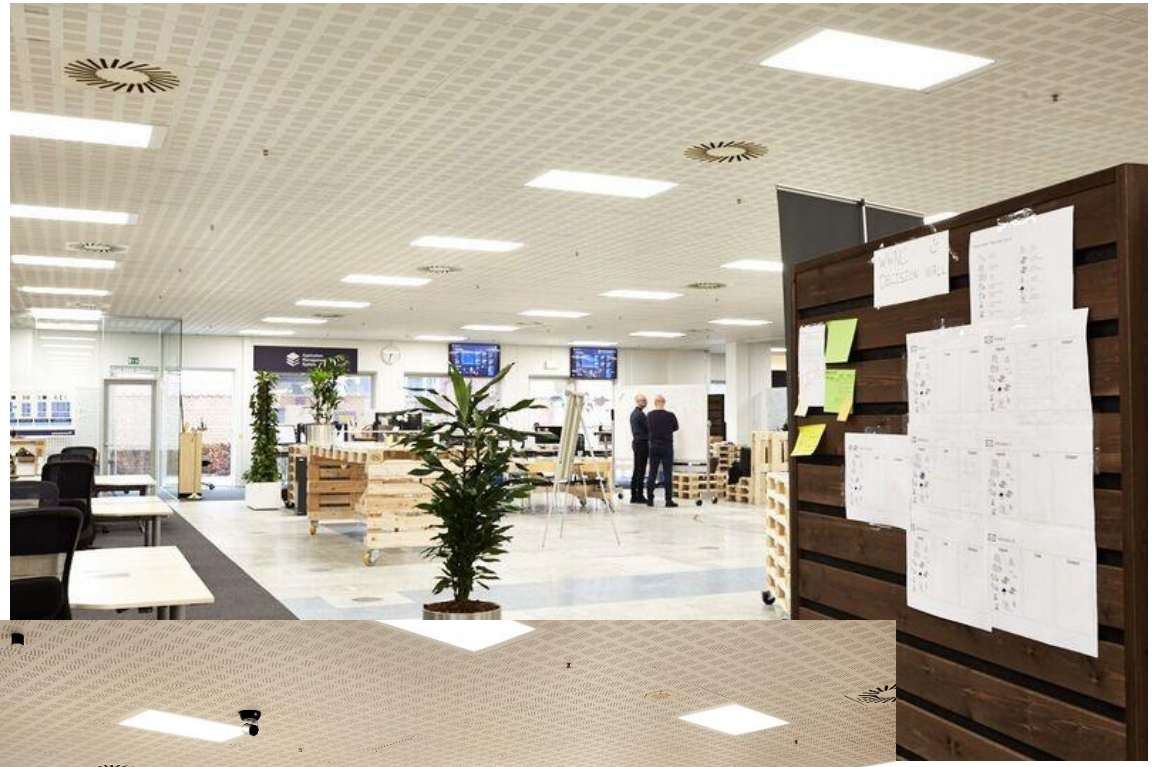
- New Technical Core
- New Innovation Core
- New Human Core
- New Operational Core

DAIRDUX™

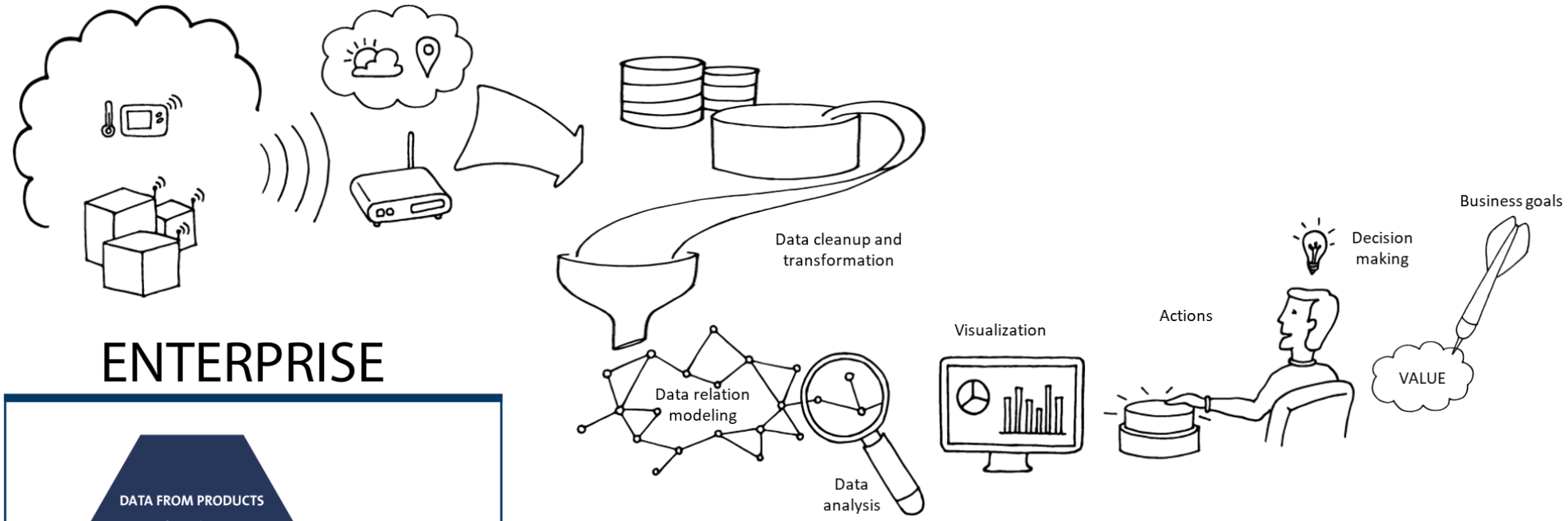

Data Scientist
FAIR Q forum
Data Requirements based on use
Capture learnings and set god practice
Improve data quality
Create and document data
Define Data DNA
Implement practices in the processes across functions
Business function
Quality function

Digital Transformation Office

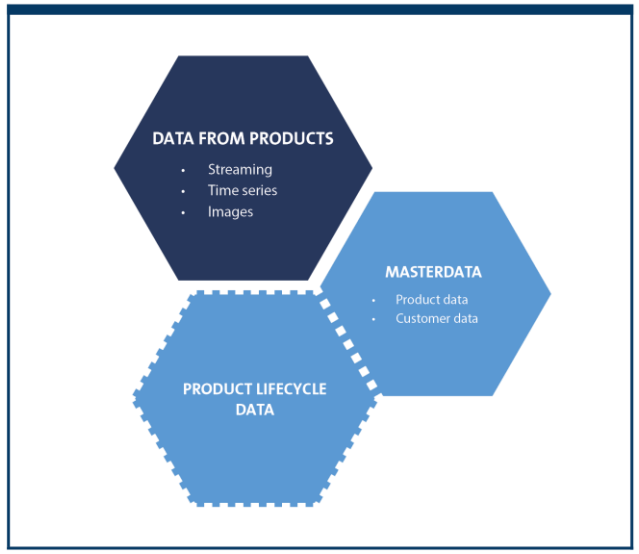




What is good data quality?

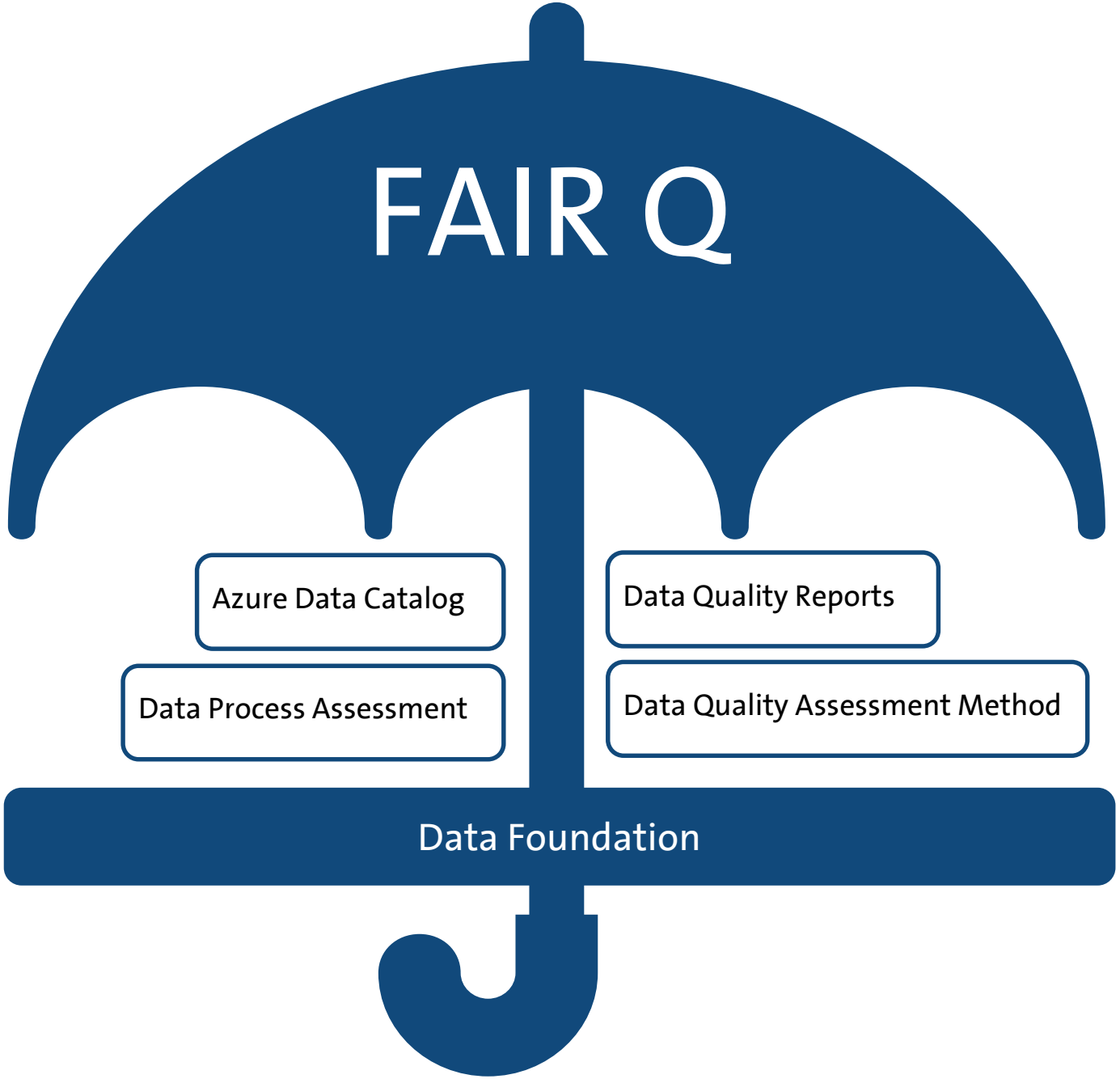


ENTERPRISE



"The level of quality of data represents the degree to which data meets the expectations of data consumers, based on their intended use of the data"

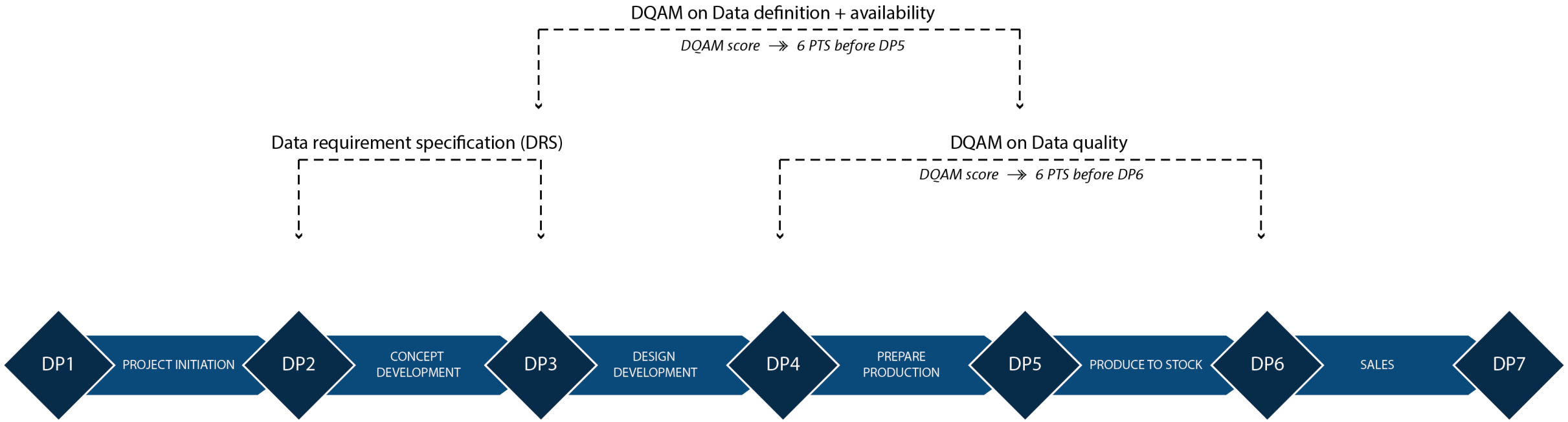
Laura Sebastian-Coleman


FAIR Q
Azure Data Catalog
Data Process Assessment
Data Quality Reports
Data Quality Assessment Method
Data Foundation

Data Quality Assessment Method

1) Identification of stakeholders
2) Identification of persons who will be responsible for findings and commitment
3) Mapping of data model
4) Assessments sessions
5) Handover of report to identified persons from step 2
6) Identified persons will delegate improvement tasks – and data quality improvement will begin

Implementing data quality requirements into the development process



Our Purpose

Grundfos is a global leader in advanced pump solutions and a trendsetter in water technology. We contribute to global sustainability by pioneering technologies that improve quality of life for people and care for the planet.

THANK YOU